Date Searched: 9/1/2006
Databases Searched: USPAT, USPGPUB
Plurals: ON
Terms Searched:
L1   width near5 (track or channel or wire or wiring or interconnect$4 or connect$4 or route or routing)
L2   (gridless or ("no" near3 grid)) near10 (layout or placement or floorplan$4 or floor-plan$4)
L3   ((pin or terminal or "i/o" or "i/os" or pad or node) near10 (current)) same (track or channel or wire or wiring or interconnect$4 or connect$4 or route or routing or path)
L4   (pin or terminal or "i/o" or "i/os" or pad)
L5   4 near10 (value or current or cost$3 or weigh$4 or number)
L6   1 and 2 and 5 and 716/1-18.ccls.
Results: 60 hits

L7   width near5 (track or channel or wire or wiring or interconnect$4 or connect$4 or route or routing or path)
L8   (gridless or ("no" near3 grid)) near10 (layout or placement or floorplan$4 or floor-plan$4)
L9   8 and 7
L10   (pin or terminal or "i/o" or "i/os" or pad or node) same (track or channel or wire or wiring or interconnect$4 or connect$4 or route or routing or path)
L11   9 and 10 and @pd>20060817
L12   716/1-18.ccls. and 11
Results: 3 hits

L13   1 and 2 and 3 and 716/1-18.ccls and @pd>20060817
Results: 0 hit

Teig; Steven et al.	US 7096449 B1	USPAT 716/12
Siegel; Andrew et al.	US 7058913 B1	USPAT 716/10

Databases Searched: EPO, JPO, IBM TDB, Derwent
Plurals: ON
Terms Searched:
L1   width near5 (track or channel or wire or wiring or interconnect$4 or connect$4 or route or routing)
L2   (gridless or ("no" near3 grid)) near10 (layout or placement or floorplan$4 or floor-plan$4)
L3   (pin or terminal or "i/o" or "i/os" or pad) near10 (value or current or cost$3 or weigh$4 or number)
L4   1 and 2 and 3
Results: 0 hit

Interference Search
Database Searched: USPGPUB
Plurals: ON
Terms Searched:
L1   ((width near5 (track or channel or wire or wiring or interconnect$4 or connect$4 or route or routing)) and ((gridless or ("no" near3 grid)) near10 (layout or placement or floorplan$4 or floor-plan$4)) and (((pin or terminal or "i/o" or "i/os" or pad or node) near10 (current)) same (track or channel or wire or wiring or interconnect$4 or connect$4 or route or routing or path))).clm.
Results: 0 hit

Date Searched: 8/17/2006

Databases Searched: USPAT, USPGPUB
Plurals: ON
Terms Searched:
L1   width near5 (track or channel or wire or wiring or interconnect$4 or connect$4 or route or routing or path)
L2   (gridless or ("no" near3 grid)) near10 (layout or placement or floorplan$4 or floor-plan$4)
L3   1 and 2
Results: 71 hits
L4   (pin or terminal or "i/o" or "i/os" or pad or node) same (track or channel or wire or wiring or interconnect$4 or connect$4 or route or routing or path)
L5   3 and 4 and @pd>20060424
Results: 15 hits
L6   716/1-18.ccls. and 5
Results: 14 hits

L7   ((pin or terminal or "i/o" or "i/os" or pad or node) near10 (current)) same (track or channel or wire or wiring or interconnect$4 or connect$4 or route or routing or path)
L8   3 and 7 and 716/1-18.ccls.
Results: 51 hits

Date Searched: 4/24/2006
Databases Searched: USPAT, USPGPUB
Plurals: ON
Terms Searched:
L1   width near5 (track or channel or wire or wiring or interconnect$4 or connect$4 or route or routing or path)
L2   (gridless or ("no" near3 grid)) near10 (layout or placement or floorplan$4 or floor-plan$4)
L3   1 and 2
Results: 71 hits
L4   (pin or terminal or "i/o" or "i/os" or pad or node) same (track or channel or wire or wiring or interconnect$4 or connect$4 or route or routing or path)
L5   3 and 4
Results: 66 hits
L6   716/1-18.ccls. and 5
Results: 59 hits

US 20050240893 A1   US-PGPUB   Teig, Steven et al.   716/13
US 6526555 B1   USPAT Teig; Steven et al.   716/11
US 6349403 B1   USPAT Dutta; Shiraj Robi et al. 716/12
US 5353235 A   USPAT Do; Kieu-Huong et al.   716/14
US 4965739 A   USPAT Ng; Charles H. 716/12

Databases Searched: EPO, JPO, IBM TDB, Derwent
Plurals: ON
Terms Searched:
L1   width near5 (track or channel or wire or wiring or interconnect$4 or connect$4 or route or routing or path)
L2   (gridless or ("no" near3 grid)) near10 (layout or placement or floorplan$4 or floor-plan$4)
L3   (pin or terminal or "i/o" or "i/os" or pad or node) same (track or channel or wire or wiring or interconnect$4 or connect$4 or route or routing or path)
L4   1 and 2 and 3
Results: 0 hit
L5   (gridless or ("no" near3 grid))
L6   1 and 3 and 5
Results: 2 hits

JP 03262144 A   JPO   ITOU, MAKIKO
US 5636129 A   DERWENT   HER, O A

Database Searched: IEE/IEEE Xplore
Terms Searched: (width <near/5> (track or channel or wire or wiring or interconnect* or
connect* or route or routing or path)) and ((gridless or ("no" <near/3> grid)) <near/10> (layout or
placement or floorplan* or floor-plan*)) and (pin or terminal or "i/o" or "i/os" or pad or node)

Results: Your search matched **0** documents

Terms Searched: (width <near/5> (track or channel or wire or wiring or interconnect* or
connect* or route or routing or path)) and (gridless or ("no" <near/3> grid)) and (pin or terminal or
"i/o" or "i/os" or pad or node)

Results: Your search matched **4** of **1342376** documents